

WORK CONSISTS OF

1. REMOVAL OF EXISTING CHAIN LINK FENCE AND SIDEWALK.
2. REPLACEMENT OF CHAIN LINK FENCE WITH ORNAMENTAL FENCE.
3. REMOVAL AND REPLACEMENT OF EXISTING ASPHALT OVERLAY.
4. CONSTRUCTION OF CONCRETE MEDIAN BARRIERS (SPECIAL DESIGN) AND SLAB FOR PEDESTRIAN WALKWAY.
5. HEAT STRAIGHTENING AND REPAIR OF STRUCTURAL MEMBERS.
FOR LOCATIONS, SEE SHEET 35-04.
TRAVEL LANE 1: BEAMS 4, 9, 13 & 15.
TRAVEL LANE 2: BEAMS 3, 4, 8 & 12
CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF WORK PRIOR TO SUBMITTING BID. INCLUDE THE COST OF THIS REPAIR IN PRICE BID FOR "LUMP HEAT STRAIGHTENING AND REPAIR OF STRUCTURAL MEMBERS".
SEE GEORGIA DOT SPECIAL PROVISION SECTION 999.
6. REMOVAL OF OVERHEAD SIGN CONDUITS AT BEAMS 1 AND 15.
7. REPAIR OF DAMAGED CONCRETE ON EDGE BEAMS.
2-SPALLED EDGE BEAMS, SPAN 2, BAYS 8 AND 9.
SPALLED EDGE BEAM, ABUTMENT 5, BAY 1.
SEE GEORGIA DOT SPECIAL PROVISION SECTION 521.

TRAFFIC DATA

TRAFFIC -----ADT= 71,600 (2012)
ADT= 83,100 (2022)

DESIGN SPEED-----35 MPH

TRUCKS-----1%

24 HR. TRUCKS-----3%

DIRECTIONAL-----70/30

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, AND 2008 SUPPLEMENTAL SPECIFICATIONS AS MODIFIED BY CONTRACT DOCUMENTS.

EPOXY COATED REINFORCING STEEL - COAT BARS NUMBERED IN THE 90 SERIES (I.E. 590, 790, ETC) WITH EPOXY. SEE GEORGIA DOT SPECIFICATIONS, SECTION 514.

CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" UNLESS OTHERWISE NOTED.

PROTECTIVE PLATFORMS - PROVIDE PROTECTIVE PLATFORMS AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 16'- 6" ABOVE I-285.

TRAFFIC CONTROLS - SEE ROADWAY PLANS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.

EXISTING BRIDGE PLANS - ORIGINAL BRIDGE PLANS MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 347-0600. THE ORIGINAL BRIDGE WAS BUILT UNDER PROJECT NUMBER 1-285-1(17)94 AND WAS WIDENED UNDER PROJECT NUMBER M-9014(12).

DIMENSIONS AND ELEVATIONS - VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO ORDERING MATERIALS OR BUILDING FORMS. LIGHT LINES INDICATE THE EXISTING STRUCTURE AND HEAVY LINES INDICATE THE NEW STRUCTURE.

CHAIN LINK FENCE - EXISTING CHAIN LINK FENCE SHALL BE REMOVED AND REPLACED WITH ORNAMENTAL FENCE AND SHALL BE PAID FOR AS "ORNAMENTAL FENCE".

UTILITIES - ANY DAMAGE THAT OCCURS TO EXISTING UTILITIES AS A RESULT OF REPAIR WORK SHALL BE REPAIRED AT NO EXPENSE TO THE STATE. SEE GEORGIA SPECIFICATION SUB-SECTION 107.21.

EXISTING BRIDGE JOINTS - CLEAN EXISTING BRIDGE EXPANSION JOINTS AT BENTS 1 AND 5 OF ALL DIRT, REFUSE & EXISTING SEALANT AND SEAL JOINTS USING LOW DENSITY POLYETHYLENE SEAL AS PER SECTION 449.2.D OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF MATERIALS AND INSTALLATION IN THE OVERALL BID SUBMITTED.

WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND RESEARCH. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

GRINDING OF EXISTING SIDEWALK - AFTER REMOVING THE EXISTING SIDEWALK TO WITHIN 1/2" OF THE FINISHED ROADWAY SURFACE, CUT THE VERTICAL REINFORCING STEEL 1½" BELOW THE FINISHED ROADWAY SURFACE, AND FILL THE REMAINING VOID WITH AN APPROVED EPOXY GROUT. THEN GRIND THE REMAINING SIDEWALK FLUSH WITH THE FINISHED ROADWAY SURFACE. INCLUDE THE COST OF THIS GRINDING IN PRICE BID FOR "LUMP REMOVAL OF PARTS OF EXISTING BR".

PAINT - CLEAN AND PAINT BEARINGS AND LAST TWO (2) FEET OF BEAMS 1 (INSIDE ONLY) & 2 AT BENT 5 AND ALL REPAIRED AND REPLACED STRUCTURAL STEEL AS PER SECTION 535 OF THE GEORGIA DOT SPECIFICATIONS AND SPECIAL PROVISION SUB-SECTION 999.3.03G.

PROTECTIVE CONCRETE COATING - ALL EXPOSED SUPERSTRUCTURE AND SUBSTRUCTURE CONCRETE SHALL RECEIVE A CLASS B-TYPE 2, SPECIAL SURFACE COATING FOR CONCRETE PER SECTION 836 OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF SPECIAL SURFACE COATING IN THE OVERALL BID SUMITTED.

SALVAGE OF EXISTING BRIDGE MATERIALS - EXISTING CHAIN LINK FENCE IS TO BE SALVAGED, DISASSEMBLED, AND TRANSPORTED TO THE DISTRICT 7 STORAGE AREA. UNLOAD THE SALVAGED COMPONENTS AS DIRECTED BY GEORDIA DOT PERSONNEL. NOTIFY THE ASSISTANT DISTRICT ENGINEER, MAINTENANCE, DISTRICT 7 TWO WEEKS PRIOR TO DELIVERY.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF WATERPROOFING, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

PEDESTRIAN WALKWAY - CONCRETE FOR PEDESTRIAN WALKWAY SHALL BE CLASS "A" CONCRETE.

REBAR TABLE

LOCATION	NO. OF LOC.	MARK	LENGTH		NO. BARS REQ'D.	TYP E	AG	B		C		D	
			FT.	IN.				FT.	IN.	FT.	IN.	FT.	IN.
WALKWAY SLAB	1												
		401	60-	0	48	I		60-	0				
		401A	9-	4	12	I		9-	4				
		402	9-	8	242	I		9-	8				
		485	0-	10	294	I		0-	10				

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-2110	488	LF	CONCRETE BARRIER, SPCL DESIGN
500-3101	60	CY	CLASS "A" CONCRETE
511-1000	3725	LB	BAR REINF STEEL
521-3000	78	SF	PATCHING CONCRETE BRIDGE
540-1202	LUMP	LS	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO-1
643-8300	484	LF	ORNAMENTAL FENCE
999-0033	LUMP	LS	HEAT STRAIGHTENING AND REPAIR OF STRUCTURAL MEMBERS

BRIDGE NO.1

MA

Moreland Altobelli Associates, Inc.
2211 Beaver Run Road Suite 190
Norcross, Georgia 30071
Tel.: (770) 263-5945

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

GENERAL NOTES
ASHFORD-DUNWOODY RD. OVER I-285
DEKALB COUNTY 0009725

NO SCALE MARCH 2011

DESIGNED ENC
DRAWN ENC

CHECKED QSJ
DESIGN GROUP WEI

REVIEWED WEI/WMD
APPROVED BFR

DRAWING NO.
35-02
BRIDGE SHEET
2 OF 4

BY